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## Drywell Replacement

**Kit Part Numbers: See Chart 1**

### Parts List

1. Drywell
2. Thread Sealant (Loctite 680)

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 **WARNING**

**Indicates a potentially hazardous situation which, if ignored, can result in serious injury or substantial property damage.**

**NOTICE**

**Indicates special instructions on installation, operation or maintenance, which are important to equipment but not related to personal injury hazards.**

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 **WARNING**

Failure to follow instructions below can result in severe personal injury or damage if ignored.

- Instructions are for a qualified installer/ service technician.
- Read all instructions before proceeding.
- Follow instructions in proper order.

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# Drywell Replacement Kits

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## Removal of the Drywell

1. Shut off the domestic cold water supply valve to the water heater.
2. For the TR/HL/Smart Series water heater, close all isolation valves on the primary piping from the boiler to the water heater. Open the boiler side drain at the water heater to relieve the outer pressure.
3. For the Prestige EXCELLENCE, close all isolation valves on the primary piping from the boiler to the space heating system.
4. Open a hot water faucet within the system to relieve any pressure within the inner tank.



**Failure to properly relieve pressure on the outer tank can cause potential damage to the inner tank.**

5. Locate the drywell on the tank.
  - For TR Series water heaters the drywell is located and accessible under a cap plug on the top of the tank.
  - For HL Series water heaters the drywell is located under the top lid near the thermostat knob.
  - For SMART Series the drywell is accessible by removing the thermostat cover plate.
  - For Prestige EXCELLENCE, the drywell is accessible by removing the top jacket access panel.
6. Remove the thermostat sensing bulb and the thermometer-sensing bulb (TR Series only) from the drywell.

7. To remove the Hex head shape drywell requires a 27mm wrench or socket.
8. To remove the Round shape head drywell requires a 1/2" Hex wrench.

## Replacement Drywell Installation

### NOTICE

**A rubber or copper O-Ring is not required on the replacement of the new drywell.**

1. When replacing the drywell ensure the internal threads of the coupling are clean and free of debris.
2. Apply a generous amount of thread sealant (supplied in kit) completely around all the drywell threads and re-thread the drywell into the tank coupling.

### NOTICE

**The sealant will cure within minutes after the drywell is threaded into the tank. Avoid any delay in fully tighten the drywell.**

3. Use a 27 mm wrench or socket to tighten the drywell onto the tank coupling.

### NOTICE

**The drywell should be "wrench" tight. Typical torque rating is 30 Ft-lbs (40 Nm) to 40 Ft-lbs (55 Nm).**

4. Re-insert the thermostat-sensing bulb into the drywell. Ensure the sensing bulb is inserted fully to the bottom of the drywell.
5. Re-insert the thermometer-sensing bulb (TR Series only). Ensure the bulb is inserted a minimum 12 inches into the drywell.

## Drywell Replacement Kits

Drywell Kit Part Number	Model Numbers	Length
P3DW02	TR-30	37"
P3DW04	TR-36	51"
P3DW02	TR-45	37"
P3DW03	TR-60	47"
P3DW04	TR-80	51"
P3DW04	TR-100	51"
P3DW04	TR-120	51"
P3DW05	SMART 20 / HL-20	25"
P3DW05	SMART 30 / HL-30	25"
P3DW01	SMART 40 / HL-36	29"
P3DW02	SMART 50 / HL-45	37"
P3DW03	SMART 60 / HL-60	47"
P3DW03	SMART 80 / HL-80	47"
P3DW04	SMART 100	51"
P3DW04	SMART 120	51"
P3DW05	PRESTIGE EXCELLENCE	25"

**Chart 1: Drywell Kit Part Numbers**